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SWITCH VIDEO KEYPAD KIT - MINI HF. 2 WIRES



Single-family kit with flush-mounted Switch entrance panel with 1 button and electronic key keypad with colour audio/video unit art. 4681/4 and Mini Handsfree monitor art. 6721W. Pre-configured and ready to use. Can be expanded up to 4 internal units. Simplebus2 system.



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PRODUCTS IN THE KIT



IX0101KP SWITCH FACEPLATE, 1 BUT. + ELECTRONIC KEY

Front plate for Switch entrance panel with electronic keypad in 2.5 mm thick brushed AISI 316 stainless steel. Adapter art. 1250U (supplied) offers the option of using the audio or audio/video module - not supplied - depending on the type of wiring applied (Simplebus digital 2-wire or ViP). Complete with 1 pre-fitted, pre-wired button. White LED nameplate backlighting. Nameplate replacement from the front. Protection rating IK08. To be finished with flush-mounted box or surface-mounted casing (not supplied). Dimensions (L x H x P): 150 x 262.7 x 2.5 mm.

GENERAL DATA	
Type	Monoblock
Height (mm)	262.7
Width (mm)	150
Depth (mm)	2.5
Product color	Steel
Flush-mounted	Yes, with a dedicated accessory
Wall-mounted	Yes, with a dedicated accessory

COMPATIBLE SYSTEMS	
Compatible audio and audio/video units	Art.1682, Art.1682HVC, Art.4682HD, Art.1621, Art.1622, Art.1622VC, Art.4680C, Art.4681
Audio/video Simplebus 2 with power supply art. 4888C	Yes
Audio/video Simplebus 2 with power supply art. 1210/1210A	Yes
Simplebus 2 audio/video kit with power supply art. 1209	Yes
Audio Simplebus 2 with power supply art. 1210/1210A	Yes
Audio Simplebus 1	Yes



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COMPATIBLE SYSTEMS

ViP	Yes
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HARDWARE FEATURES

Call type	Push-buttons
Type of buttons	Mechanical
Number of push-buttons (n°)	1
Backlight colour	White

ENVIRONMENTAL AND COMPLIANCE FEATURES

IP protection rating	IP54
Vandal Resistant rating (IK code)	IK08
Operating temperature (°C)	-25 ÷ 55
Operating humidity (RH max) (%)	25 ÷ 95
Environmental class	III

MAIN FUNCTIONS

Number of auxiliary relays (n°)	2
Access control via door opener code	Yes
Number of door opener codes (n°)	100



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IX9150 FLUSH-MOUNTED BOX FRONT PANEL WITH 1-4 BUTTONS

Flush-mounted box for entrance panels art. IX0101, IX0102, IX0103 and IX0104 with 1-2-3-4 buttons. Dimensions: 124x236.7x56 mm.

MAIN FEATURES	
Height (mm)	236.7
Width (mm)	124
Depth (mm)	56

GENERAL DATA	
Type of finishing materials	Steel zinc coated
Product color	Steel

COMPATIBILITY	
Simplebus 2 audio/video system	Yes
Building Kit audio/video system	Yes
Simplebus 2 audio system	Yes
Simplebus 1 audio system	Yes
Vip system	Yes

MOUNTING/INSTALLATION	
Flush-mounted	Yes



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4681/4 A/V UNIT FOR MAX. 4 USERS. SIMPLEBUS 2

Colour audio-video unit for 2-wire systems with terminal block complete with directable colour camera with front adjustment, LED camera lighting, max 4 users.. Complete with terminal block and audio control with echo-cancelling, sealed-unit loudspeaker, electret microphone and front-mounted loudspeaker volume control. Complete with microprocessor and 8-position dip switch for programming calls to users. Programmable audiovisual functions for users with disabilities. On-board electronic lock-release function (3A) plus C, NC, NO contacts for 10A relay. Timed lock-release input and door open indication. Compatible with power supply unit art. 1210. Dimensions: 102x55x38 mm.

GENERAL DATA	
Type	Audio and video unit
Height (mm)	102
Width (mm)	55
Depth (mm)	43
Product weight (g)	200
Product color	White
Type of finishing materials	ABS

COMPATIBLE SYSTEMS	
Simplebus 2 audio/video kit with power supply art. 1209	Yes

AUDIO FEATURES	
Microphone	9.7 (Ø), omnidirectional
Loudspeaker	50mm (Ø), 8 Ohm, 0.2W
Technologies implemented	Echo canceling

CAMERA FEATURES	
Camera	Colours



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CAMERA FEATURES

Sensor type	1/3" CMOS
Angle of view (H x V - °)	87 x 64
Sensitivity	0.35 (F2.0 / 50IRE)

ELECTRICAL CHARACTERISTICS

Type of power supply	Power supply from video door entry bus, External power supply
Supply voltage	33VDC
Absorption in stand-by (W)	1.8
Maximum absorption (W)	5.7

HARDWARE FEATURES

Clamps	L L V+V- RTE DO PR GND SE COM NC NO
Removable terminals	Yes
Number of inputs (n°)	2
Number of outputs (n°)	2
Type of outputs	Relay (C-NO-NC, 10A@12÷24 VAC/VDC), SE: unlock pulse of 4A, holding current of 200mA for 12VAC / DC locks (maximum impedance 18 Ohm)

SETTINGS

Loudspeaker volume	Yes
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PROGRAMMING MODE

Manual programming (via Dip Switch)	Yes
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ENVIRONMENTAL AND COMPLIANCE FEATURES

Operating temperature (°C)	-25 ÷ 55
Operating humidity (RH max) (%)	25 ÷ 95
Environmental class	IV



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ENVIRONMENTAL AND COMPLIANCE FEATURES

Certifications	RoHS II - 2011/65/UE (EN IEC 63000:2018), EMC 2014/30/UE (EN 61000-6-1:2007 , EN 61000-6-3:2007+A1:2011)
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MAIN FUNCTIONS

Door opener	Yes
Number of auxiliary relays (n°)	1
Input for local door release button	Yes
Door open signaling input	Yes
Visual indications of system status	Yes
Acoustic signals of system status	Yes
Speech synthesis of system status	Yes



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SK9015 Simplekey adapter with power supply unit 1210

Simplekey adapter for the connection of readers art. SK9000I and SK9001I on external units with power supply unit art. 1210.

MAIN FEATURES	
Width (mm)	22
Depth (mm)	29

COMPATIBILITY	
Access Control system	Yes



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1210 SIMPLEBUS2 POWER SUPPLY UNIT

2-wire power supply unit required to power the external unit (terminals L1 - L1) and the support column (terminals L2 - L2). Equipped with 1 terminal for line termination art 1216. Input voltage 110-240Vac. Compatible with audio/video unit art. 4681 and 1621VC and audio unit art. 1621. Dimensions: 106x89x62mm (6 DIN modules).

MAIN FEATURES	
Supply voltage	110÷240 VAC
Output supply voltage	33VDC
Max. current delivered (A)	1.2
Applicable to DIN rail	Yes
Number of DIN modules (n°)	6

HARDWARE SPECIFICATIONS	
Product weight (g)	300

GENERAL DATA	
Height (mm)	108
Width (mm)	90
Depth (mm)	62
Type of finishing materials	Plastic
Product color	White
Operating temperature (°C)	-10 ÷ 40
Operating humidity (RH max) (%)	25 ÷ 75

COMPATIBILITY	
Simplebus 2 audio/video system	Yes
Building Kit audio/video system	Yes
Simplebus 2 audio system	Yes



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MOUNTING/INSTALLATION

Wall-mounted	Yes
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ELECTRICAL SPECIFICATIONS

Maximum power delivered (W)	40
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6721W SIMPLEBUS2 MINI HANDSFREE DOOR ENTRY MONITOR

Wall-mounted hands-free monitor with full-duplex audio and 4.3" / 16:9 colour screen. Allows brightness control, plus adjustment of the ringtone volume, which can be customised by choosing one of several different melodies. Equipped as standard with 5 sensitive touch back-lit controls for audio activation, door-opening, self-ignition, switchboard call, privacy service and LED signalling for the door status. Manages floor door calls as standard. Option of adding 3 additional buttons with accessory Art. 6734W. Complete with 2 x 8-position DIP-SWITCH for user code programming and button programming. The wall-mounting or residential series box backplate and riser distribution terminal Art. 1214/2C are included. The monitor can only be used in 2-wire Simplebus2 systems. Dimensions: 115x160x22mm.

GENERAL DATA

Height (mm)	160
Width (mm)	115
Depth (mm)	22
Product weight (g)	500
Product color	White RAL9003
Type of finishing materials	ABS
Wall-mounted	Yes
Desk base-mounted	Yes, with a dedicated accessory

COMPATIBLE SYSTEMS

Audio/video Simplebus 2 with power supply art. 4888C	Yes
Audio/video Simplebus 2 with power supply art. 1210/1210A	Yes
Simplebus 2 audio/video kit with power supply art. 1209	Yes

DISPLAY

Display size (")	4.3
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DISPLAY

Aspect Ratio	16:9
Resolution (pixels)	480x272

AUDIO FEATURES

Microphone	6mm (Ø), Omnidirectional
Loudspeaker	36mm (Ø), 40 Ohm, 1W

ELECTRICAL CHARACTERISTICS

Type of power supply	Power supply from video door entry bus
Supply voltage	22÷34 VDC (Bus)
Absorption in stand-by (W)	0.06
Maximum absorption (W)	11.9

HARDWARE FEATURES

Type of buttons	Capacitive
Service buttons	Lock-release, Answer, Silent (Privacy), Door open
No. of programmable buttons for additional functions	2 (5 with accessory art. 6734W)
Clamps	L L CFP1 CFP2
Removable terminals	Yes

SETTINGS

Loudspeaker volume	Yes
Microphone volume	Yes
Ringtone volume	Yes
Screen brightness control	Yes
Screen contrast	Yes
Screen colour	Yes

ENVIRONMENTAL AND COMPLIANCE FEATURES



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IP protection rating	IP30
Operating temperature (°C)	5 ÷ 40
Operating humidity (RH max) (%)	25 ÷ 75
Environmental class	I (B1)
Certifications	RoHS II - 2011/65/UE (EN IEC 63000:2018), EMC 2014/30/UE (EN 61000-6-1:2007 , EN 61000-6-3:2007+A1:2011)

GENERAL FEATURES

Door opener	Yes
Automatic door opening on call (Doctor)	Yes
Silent mode (Privacy)	Yes
Self Activation	Yes
CPS call	Yes
Intercom calls	Yes
Outside door call input	Yes
Customisable ringtone	Yes
Automatic answer (handsfree)	Yes
Sending alarm calls	Yes
Actuator control	Yes
Multiple address	Yes
Door open signaling	Yes